

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	30.0	30.0
Frame Size	286TSC	
Speed, RPM	3550	2930
Voltage	460	380
# Phase	3	
Full Load Amps	34.5	-
Power Factor	0.9	-
Nominal Efficiency	91.7	89.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	64.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	374.85	
DE Bearing	6311C3	
NDE Bearing	6311C3	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	??/?	
Coil Resistance	-	

<b>Motor Model:</b>	<b>BR3-CI-TF-286TSC-2-BR-E-30</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.06	-	-	-	-
25	7.5	14.45	6.67	3589.1	84.0	0.58
50	15.0	20.37	12.44	3579.5	90.04	0.77
75	22.5	27.14	18.32	3569.0	91.7	0.85
100	30.0	34.59	24.32	3557.8	92.09	0.88
125	37.5	42.59	30.46	3545.9	91.92	0.9
150	45.0	50.98	36.74	3533.2	91.45	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	144.75	323.0	-	355.585
Pull Up Torque	82.0101	183.0	-	-
Breakdown Torque	166.709	372.0	-	-
Full Load	44.8143	100.0	3557.8	34.59

### Speed Torque Curve

Please contact Techtop for image.

### Dimensional Drawing

Please contact Techtop for image.

Dimensions are for reference only. Allowance should be made for minor deviations in non standard specified properties.

3D Image Link: Not available for this motor